HL-4570CDW | DR320/ TN320/ TN325/ TN328

Professional Network Ready Colour Laser Printer with Automatic Duplex

Catalogue Spec

- Feature packed colour laser printer ideal for 1 to 10 users
- High speed 28ppm mono and colour printing
- First page out in less than 16 seconds
- Double-sided printing as standard
- Network Ready
- Easy wireless set-up incorporating Intel My Wi-Fi® Technology
- Large 250 sheet tray and 50 sheet multi purpose tray
- Boost paper capacity to 800 sheets with the 500 sheet optional tray
- Super high yield toner option
- Easy install and cost effective individual supplies
- PIN protected secure SSL printing
- Manage print cost via the access restriction control features
- Powerful fleet management tools
- Increase efficiency with the direct print via the USB Host port
- Added peace of mind with free 12-month warranty and lifetime technical support
- Green and clean technology that meets Energy Star, Blue Angel & Nordic Swan environmental standards

Detailed Spec

General

Technology	Electrophotographic laser printer (single pass)
Processor	400MHz (StarSaphire (SS1000))
Print speed (Simplex)	28 pages per minute colour & mono
Print speed (Duplex)	7 pages per minute colour & mono
Resolution	Up to 2,400 x 600dpi resolution (2,400dpi class)
Local interface	Hi-Speed USB 2.0
Wired network interface	Built in 10/100 Base-TX Network
Wireless network interface	Wireless LAN IEEE802.11b/g (Infrastructure Mode/Adhoc mode
Wireless setup utilities	Wi-Fi® Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
Wireless support	Intel My Wi-Fi® Technology (vertical pairing). Another method of easily connecting the Brother HL-4570CDW to any Intel My Wi-Fi® Technology supported device
Memory	128MB (expandable up to 384MB, using industry standard 1 x DDR2 (144 PIN) slot)
First print out time	Less than 16 seconds (from ready mode)
Warm up time	Less than 31 seconds (from sleep mode)
Print language	PCL6, BR-Script3 (Postrcipt®3 Language Emulation)
Residential PCL fonts	66 scalable fonts, 12 bitmap fonts, 13 bar codes
Residential BR-Script3 fonts	66 scalable fonts

Control Panel

LCD display	2-line, 16 characters backlit green
LED's	Data LED (green) & error LED (orange)
Buttons	There are 7 buttons, +, -, OK, Back, Secure Print, Go, Cancel

Printer Driver

Windows®	Windows 7® (32 & 64 bit editions), Windows Vista® (32 & 64 bit editions), Windows XP Home Edition, Windows XP Professional (32 & 64 bit editions), Windows® 2000 Professional, Windows Server® 2003 (Network only / 32 bit & 64 bit editions), Windows Server® 2008 (Network only / 32 bit & 64 editions), Windows Server® 2008 R2 (Network only), Windows® Terminal Services 2003 & 2008, Citrix Presentation Server®, Citrix XenApp®
Apple Macintosh®	Mac OS X 10.4.11, 10.5.x, 10.6.x
Linux***	CUPS printing system(x86, x64 environment), Linux printer driver for LPD/LPRng printing system(x86, x64 environment).

USB Direct Interface

Direct print	Print directly from a USB Flash Memory Drive
Supported file formats	PDF version1.7, JPEG, Exif + JPEG, PRN (created by HL-4570CDW series printer driver), TIFF (scanned by Brother model), XPS version 1.0

Printer Driver Features

N-up printing	Save paper reducing 2, 4, 9, 16 or 25 A4 pages to 1 A4 page
Poster printing†	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages for a bigger impact
Header & footer print†	Print the time & date &/or the user ID on the documents
Watermark printing†	Add predefined text or user-defined messages to your documents as a watermark
Booklet printing†	Print easy-to-read, professional documents in A5 booklet format using automatic duplex
Secure print††	Protect your print jobs with a PIN number
Colour control tool	Edit the colour settings in the printer driver to get more accurate colours

Security Features

Setting lock	Lock down the control panel to stop unwanted user access
Colour restrict	Colour restriction tool from printer driver
Secure function lock v2	Configure individual access restrictions by user and by function
Secure printing with SSL	IPP based encryption, already widely used in e-commerce to protect financial & sensitive information
IP filter	MAC address based access restriction
802.1x	LAN Security [Network Access Control]

Network Management Utilities

Web based management	Web browser print server management
BRAdmin Light	For setup & small LAN management
BRAdmin Professional 3***	For LAN / WAN management using a Windows® PC
Web BRAdmin***	Server based management utility for your printer fleet / Windows® IIS (4.0/ 5.0/5.1/6.0/7.0/7.5) modes only
BRPrint Auditor***	For basic local (USB) device status and usage monitoring
E-mail reports	Reports containing basic usage data sent to a nominated e-mail address on a cyclical basis
Print log	User level usage data recorded to either a text or csv file direct to a network folder
E-mail notifications	Alerts sent to a nominated e-mail address when anything which can disrupt printing activity occurs

Driver Deployment Wizard***	A quick & easy way to deploy Brother printer drivers on a networked Windows® PC

† Windows® only
†† Windows® & Apple Macintosh only

Network Protocols & Security

Network protocols	TCP/IP (IPv4 & IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client & server, SMTP Client, SNMPv1/v2c/ v3, ICMP, LLTD responder, WebServicePrint, CIFS client, SNTP client
IPv6 (off by default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client & Server, TELNET Server, HTTP/HTTPS server, TFTP client & server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, LLTD responder, WebServicesPrint, CIFS Client, SNTP Client
Network security	
Wired network security	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
Wireless network security	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos

Paper Handling

Paper Input**	
Standard tray	250 sheets
Multipurpose tray	50 sheets
Optional lower tray	500 sheets
Maximum paper input	800 sheets
Paper Output**	
Standard paper output	150 sheets [face down]
Rear exit straight paper path	1 sheet [face up]

Media Specifications

Media types	
Standard & Optional trays	Plain paper, thin paper, recycled paper, glossy paper
Multipurpose tray	Plain paper, thin paper, thick paper, thicker paper, recycled paper, bond, label, envelopes (Thick & thin), glossy paper
Media Weights	
Standard & Optional trays	60 to 105g/m2 (16 to 28lb)
Multipurpose tray	60 to 163g/m2 (16 to 43lb)
Media Sizes	
Standard & Optional trays	A4, letter, B5 (ISO/JIS), A5, A5 (long edge), B6 (ISO), A6, executive, legal, folio
Multipurpose tray	Width (76.2 – 220mm) x Length (116.0 x 406.4)

Supplies

Standard yield toners		
Mono toner	(TN-320BK)	2,500 pages*
Cyan toner	(TN-320C)	1,500 pages*
Magenta toner	(TN-320M)	1,500 pages*
Yellow toner	(TN-320Y)	1,500 pages*
High yield toners		
Mono toner	(TN-325BK)	4,000 pages*
Cyan toner	(TN-325C)	3,500 pages*
Magenta toner	(TN-325M)	3,500 pages*
Yellow toner	(TN-325Y)	3,500 pages*
Super high yield toners		
Mono toner	(TN-328BK)	6,000 pages*
Cyan toner	(TN-328C)	6,000 pages*
Magenta toner	(TN-328M)	6,000 pages*
Yellow toner	(TN-328Y)	6,000 pages*
Other supplies		
Drum	(DR-320CL)	25,000 A4 pages (one page per job)
Belt unit	(BU-300CL)	Up to 50,000 A4 (one page per job)
Waste toner box (	WT-300CL)	Up to 50,000 pages

The frequency of replacement of consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, & the type of media.

Optional Accessories

500 sheet lower tray (LT-300CL):	Expanding the total paper input to 800 sheets
Memory:	Memory expandable up to 384MB total using industry standard 1 x DDR2 (16 bit, 144 pin) (Not available from Brother)

Dimensions & Weights (with consumables)

With Carton

Dimensions	650(W) x 574(D) x 521(H) mm
Weight	25.5Kg

Without Carton

Dimensions	410(W) x 486(D) x 313(H) mm
Weight	21.0Kg

Power Consumption

Printing	Average 560w
Ready	Average 70w
Sleep [WLAN = ON]	Average 7w
Deep Sleep	Average 0.7w
TEC value	2.00 kWh / Week

Sound Pressure Level

Printing	LpAm = 57 dB(A)
Ready	LpAm = 33 dB(A)

Sound Power Level

Printing [Colour]	LWAd = 6.63 B(A)
Ready	LWAd = 4.01 B(A)

Ecology

Power Saving	This enables the printer to consume less energy when not in use.
Toner Saving	This reduces the toner usage & helps to reduce the total cost of printer ownership.

Duty Cycles

Recommended	750 – 4,000 pages monthly print volume
Maximum	60,000 pages monthly print volume

Contents

Mono toner cartridge (K): up to 2,500 pages*
Colour toner cartridges (C, M, Y): up to 1,500 pages*
Drum unit: up to 50,000 pages
Power supply cord
Driver software for Windows & Apple Macintosh
Quick Set-up Guide
PC interface cable **NOT** included

*	Cartridge yield is declared in accordance with ISO/IEC19798.
**	Calculated with 80g/m² paper
***	Downloaded free of charge from Brother's Solutions Centre http://solutions.brother.com
†	Windows® only
††	Windows® & Apple Macintosh only